

02 FEB 2004

PA IDC

QUERY CONTROL FORM		RTIS USE ONLY	
Application No. <u>09/910141</u>	Prepared by <u>kap</u>	Tracking Number <u>05878490</u>	
Examiner-GAU <u>BERCH 1624</u>	Date <u>1/21/04</u>	Week Date <u>12/22/03</u>	
	No. of queries <u>1</u>	<u>IFW</u>	

JACKET

- | | | | |
|----------------------|------------------------|--------------------|----------------|
| a. Serial No. | f. Foreign Priority | k. Print Claim(s) | p. PTO-1449 |
| b. Applicant(s) | g. Disclaimer | l. Print Fig. | q. PTOL-85b |
| c. Continuing Data | h. Microfiche Appendix | m. Searched Column | r. Abstract |
| d. PCT | i. Title | n. PTO-270/328 | s. Sheets/Figs |
| e. Domestic Priority | j. Claims Allowed | o. PTO-892 | t. Other |

SPECIFICATION

- a. Page Missing
- b. Text Continuity
- c. Holes through Data
- d. Other Missing Text
- e. Illegible Text
- f. Duplicate Text
- g. Brief Description
- h. Sequence Listing
- i. Appendix
- j. Amendments
- k. Other

MESSAGE

Claims 2, 4, 7, 9 now depend on a claim which is higher Please resolve

CLAIMS

- a. Claim(s) Missing
- ☒ b. Improper Dependency
- c. Duplicate Numbers
- d. Incorrect Numbering
- e. Index Disagrees
- f. Punctuation
- g. Amendments
- h. Bracketing
- i. Missing Text
- j. Duplicate Text
- k. Other


RESPONSE

Renumbered claims, see attached IFW;

I also noted that original claim 3 as amended ends in a semicolon. Changed to period, copy attached.

Thank You
initials *kan*

initials *Ref*

Issue Classification 	Application No.	Applicant(s)	
	09/910,141	EMIG ET AL.	
	Examiner	Art Unit	
	Kahsay Habte, Ph. D.	1624	

ISSUE CLASSIFICATION										
ORIGINAL		CLASS	CROSS REFERENCE(S)							
CLASS	SUBCLASS		SUBCLASS (ONE SUBCLASS PER BLOCK)							
514	241	514	256	259	253.06	253.07	249	263.21		
INTERNATIONAL CLASSIFICATION		544	238	295	296	319	333	363	180	
C 0 7 D	401106	544	237	353	354	356	284			
C 0 7 D	401114									
A 6 1 K	311496									
A 6 1 K	311513									
A 6 1 P	35100									
<i>A. K. H. / K</i> 11/20/03 (Assistant Examiner) (Date)		<i>Mark Beach</i> MARK BEACH PRIMARY EXAMINER GROUP 120 - ART UNIT 122 (Primary Examiner) 11/20/03					Total Claims Allowed: 13			
(Legal Instruments Examiner) (Date)							O.G. Print Claim(s) 1		O.G. Print Fig. —	

Claims renumbered in the same order as presented by applicant						<input type="checkbox"/> CPA	<input type="checkbox"/> T.D.	<input type="checkbox"/> R.1.47		
Final	Original		Final	Original		Final	Original		Final	Original
1	1		31	61		91	121		151	181
2	2		32	62		92	122		152	182
3	3		33	63		93	123		153	183
4	4		34	64		94	124		154	184
5	5		35	65		95	125		155	185
6	6		36	66		96	126		156	186
7	7		37	67		97	127		157	187
8	8		38	68		98	128		158	188
9	9		39	69		99	129		159	189
	10		40	70		100	130		160	190
	11		41	71		101	131		161	191
	12		42	72		102	132		162	192
13	13		43	73		103	133		163	193
14	14		44	74		104	134		164	194
15	15		45	75		105	135		165	195
16	16		46	76		106	136		166	196
	17		47	77		107	137		167	197
	18		48	78		108	138		168	198
	19		49	79		109	139		169	199
	20		50	80		110	140		170	200
	21		51	81		111	141		171	201
	22		52	82		112	142		172	202
	23		53	83		113	143		173	203
	24		54	84		114	144		174	204
	25		55	85		115	145		175	205
	26		56	86		116	146		176	206
	27		57	87		117	147		177	207
	28		58	88		118	148		178	208
	29		59	89		119	149		179	209
	30		60	90		120	150		180	210

Appl. No. 09/910,141
Amdt. Dated November 12, 2003
Reply to Final Office Action of June 16, 2003

and in R₄ said fluorine atoms are trifluoromethyl, said C₁₋₈ alkoxy is methoxy or ethoxy, and said C₁₋₂ alkylene group is a methylene group.

Claim 3 (currently amended): The quinoline derivative of formula 1 of claim 1, wherein R, R₁, R₂, R₃, X, Z, P, Q, n and m have the meanings given in claim 1;

R₄ is a straight-chain or branched C₁₋₂₀ alkyl radical which can be saturated or unsaturated, with one to three double and/or triple bonds, and which can be unsubstituted or optionally substituted on the same or different C atoms by one, two or more aryl, heteroaryl, halogen, C₁₋₆ alkoxy, amino, mono- C₁₋₄ alkylamino or di-C₁₋₄ alkylamino;

a phenyl ring or a naphthyl ring, each of which can be unsubstituted or mono- or polysubstituted by the same or different substituents from the group of straight-chain or branched C₁₋₈ alkyl, C₃₋₇ cycloalkyl, halogen, cyano, C₁₋₆ alkoxy, carbonylamino, C₁₋₆ alkoxy, carboxyl, C₁₋₆ alkoxy, carbonyl, straight-chain or branched C₁₋₆ alkyl which is substituted by one or more fluorine atoms, hydroxyl, straight-chain or branched C₁₋₆ alkoxy, benzyloxy, nitro, amino, mono- C₁₋₄ alkylamino, di-C₁₋₄ alkylamino, aryl, which can be unsubstituted or mono- or polysubstituted by the same or different substituents from the group of straight-chain or branched C₁₋₈ alkyl, C₃₋₇ cycloalkyl, carboxyl, straight-chain or branched C₁₋₈ alkoxy, benzyloxy, nitro, amino, mono- C₁₋₄ alkylamino, di-C₁₋₄ alkylamino, cyano, straight-chain or branched cyano- C₁₋₆ alkyl.

def
2/4/04
~~a 2, 4, 5 or 6 pyrimidinyl radical, or a 2, 4, 5 or 6 pyrimidinyl C₁₋₄ alkyl radical, wherein the C₁₋₄ alkyl radical can be unsubstituted or mono- or polysubstituted by the same or different substituents from the group of C₁₋₆ alkyl, halogen or exo (=O) and the 2, 4, 5 or 6 pyrimidinyl radical can be unsubstituted or mono- or up to trisubstituted by the same or different substituents from the group of hydrogen, or Y~~

~~wherein Y is a C₁₋₆ alkyl, halogen, nitro, amino, mono- C₁₋₄ alkylamino, di- C₁₋₄ alkylamino, hydroxyl, C₁₋₆ alkoxy, benzyloxy, carboxyl, C₁₋₆ alkoxy, carbonyl, C₁₋₆~~

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